

# Endura LED Well Glass 7900 Lumen

Sisesh Behuray & Nitin Bahl  
BG Professional - India  
Nov 2017

**PHILIPS**

# Content

- Product Introduction
- Product Details
- Applications
- MI Sheet
- Ordering Data

## Customers and their needs

- **Industries:**

- Save energy & reduce CO2 footprint
- Operational budget savings
- Maintenance cost reduction
- Safe working environment with good lighting

- **Reliability for installers:**

- EPC packages / SITC electrification packages
- Need to guarantee a minimum fault free working time during commissioning of the project



# Endura LED



## Features :

- Best energy-efficiency : System efficacy of 110 lm/W, replacement of 150W SON Well Glass
- Comfortable light: CRI of 70 to ensure better color rendering
- Optimal lighting effects: new light platform & optical design reduce 20% glare .
- Robust & Reliable: IP66 & IK 08 protection system .
- Reduced Weight: Max 5 kg \*
- Versatile applications: multiple mounting options ( Wall , Ceiling , Eyebolt (optional )
- Wider Industry Application: Available with Polycarbonate Diffuser .

## Specifications

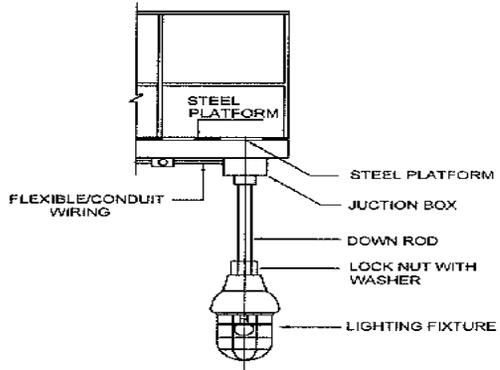
S No.	Description	BY 201P
1	System Lumen	7900
2	CCT	5700K
3	CRI	Greater than 70
4	SDCM	Less than 5
5	IP	66
6	IK	08
7	Mounting	Adjustable Bracket
8	Efficacy :	110 Lm/W
9	Surge	4KV
10	LILO	Optional
11	Driver	Fixed output
12	LED	LUXEON T
13	Housing	Pressure Die Cast Housing
14	THD	≤10%
15	Serviceability	Class B

S No	Description	BY 201P
16	Wattage	71W
18	Additional SPD	10KV available on demand

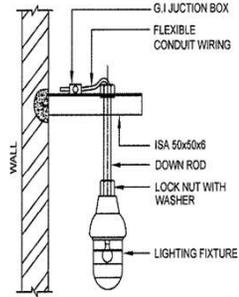
## Application Areas



## Application : Closed Conveyor

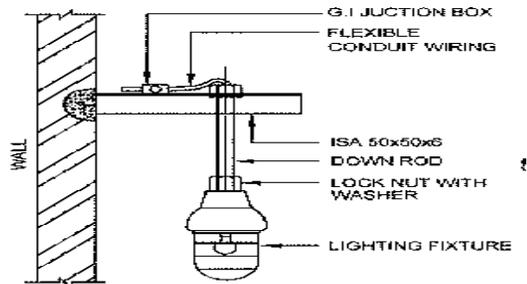
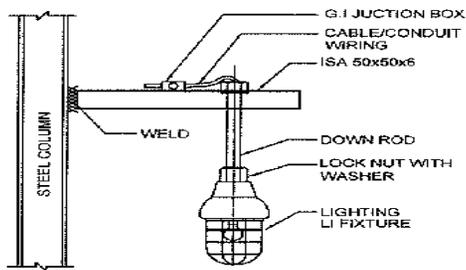


TYPICAL DETAIL OF WELL GLASS  
FIXTURE SUPPORTED FROM  
STEEL PLATFORM



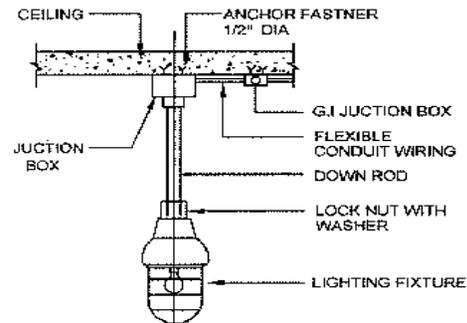
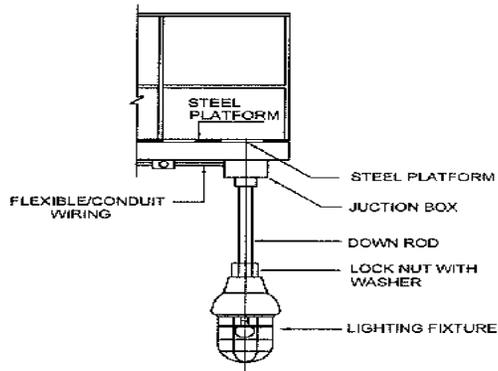
**Typical conveyor maintenance platform width varies from 0.8m – 1.5m  
Luminaire mounting height varies from 5m- 6m**

# Typical Installation Options



TYPICAL DETAIL OF WELL GLASS  
FIXTURE SUPPORTED FROM  
STEEL COLUMN

TYPICAL DETAIL OF WELL GLASS  
FIXTURE SUPPORTED FROM  
WALL TYPE-IJ

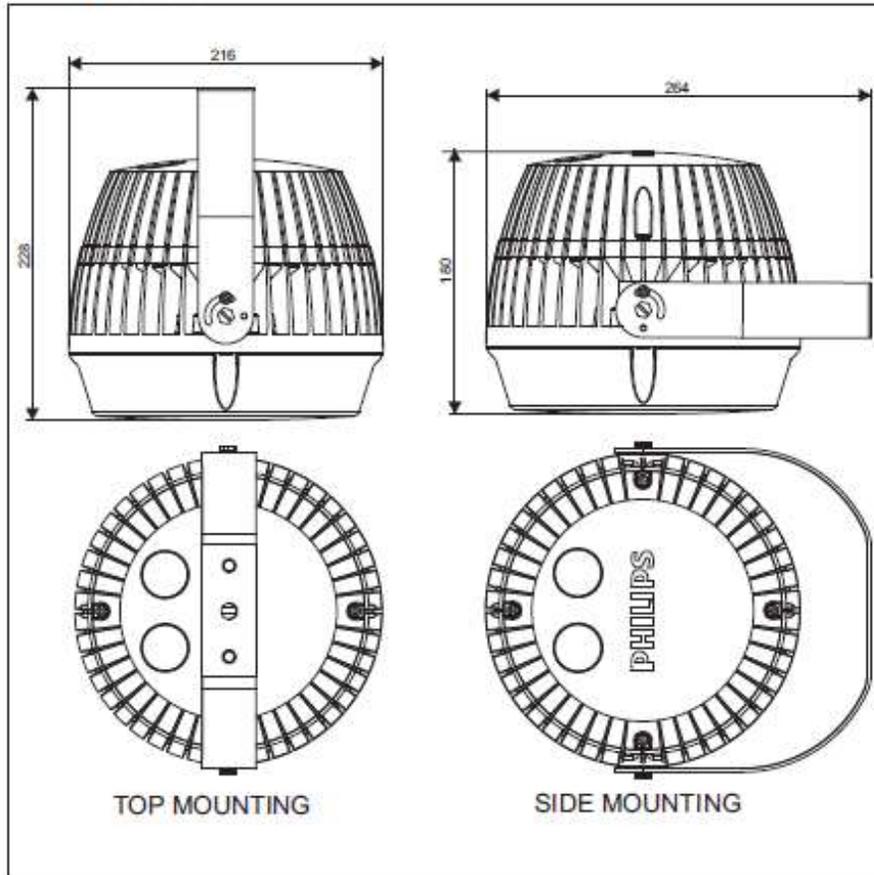


TYPICAL DETAIL OF WELL GLASS  
FIXTURE SUPPORTED FROM  
STEEL PLATFORM

TYPICAL DETAIL OF WELL GLASS  
FIXTURE SUPPORTED FROM  
CEILING TYPE-IG

# MI Sheet

## Dimensions



IP-66

ta  
45°

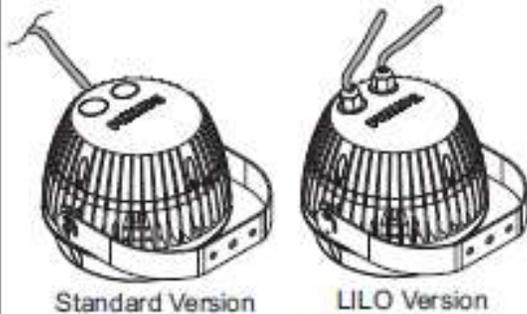


Indoor Luminaire

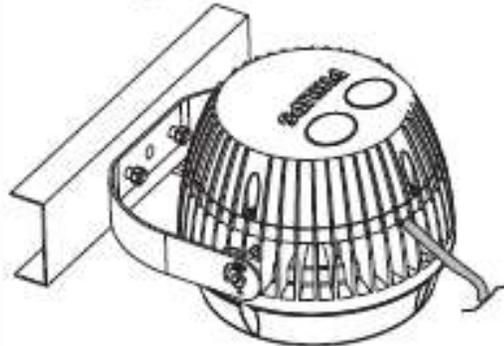


Type	: BY201P
Lamp	: 32 LED
Voltage	: 240 V, 50 Hz
IP Classification	: IP 66
Net Weight	: 2.8 kgs
Max. Projected Area	: 0.038 m <sup>2</sup>
Application	: Indoor/Industrial use only

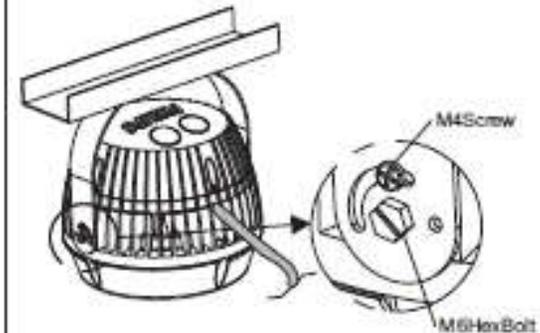
1 Take the product out of the packing box.



2 Side Mounting - Fix the luminaire to the side wall with suitable M8 bolts & nuts. Use chuck nuts to further secure the mounting.



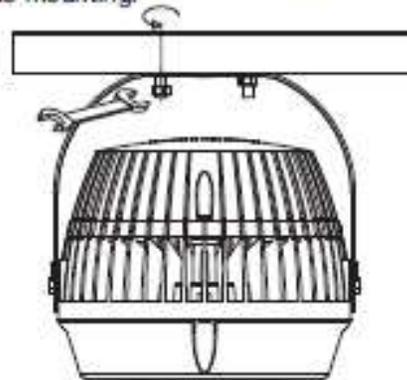
5 After fastening the luminaire set the luminaire at desired angle and tighten the below shown bolts and screws.



3 For Top mounting, unscrew the screws from both sides to straighten the mounting bracket.



4 Hang the luminaire by suitable M8 Bolts & nuts. Use chuck nuts to further secure the mounting.



6

**CAUTION**

1. Ensure Earthing is connected.
2. Ensure 3 core CABLE for Connections(diameter 8-12mm)
3. Cable Entry gland should be properly tightened.
4. Product should be operated between 160-270V a.c.
5. Use Surge protection (upto 10kV) to protect against surges  
Use Type B+C surge type SPD in distribution box to arrest switching and lighting surges.

FAILURE OF PRODUCT DUE TO NON COMPLIANCE TO ANY OF THE ABOVE,  
VOIDS WARRANTY OF PRODUCT

## Ordering Data

<b>12 NC</b>	<b>Product Description</b>	<b>Qty. per Box</b>	<b>Spare Driver 12 NC</b>
919515812239	<b>BY201P LED78S CW PSU HE PC</b>	1	929000982314
919515812240	<b>BY201P LED78S CW PSU HE PC LILO</b>	1	929000982314
919515812241	<b>BY201P LED78S CW PSU HE PC SPD</b>	1	929000982314
919515812242	<b>BY201P LED78S CW PSU HE PC SPD LILO</b>	1	929000982314

